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(71)(72) Applicants and Inventors: KHOMUTOV, Alexei Radiavich [RU/RU]; Apartment 447, Lyusinovskaya Street, 68, Moscow, 113162 (RU). YAKOVLEV, Dmitry Yurievich [RU/US]; Apartment 833, Profsoyusnaya Street, 114-6, Moscow, 117437 (RU). KHOMUTOV, Radii Mikhailovich [RU/RU]; Apartment 46, Profsoyusnaya Street, 43-1, Moscow, 117420 (RU). KORPELA, Timo [FI/FI]; Kasarminkatu 5 as 8, FIN-20500 Turku (FI).			
(74) Common Representative: KORPELA, Timo, Kalvi; Kasarminkatu 5 as 8, FIN-20500 Turku (FI).			

(54) Title: NOVEL DERIVATIVES OF CYCLODEXTRINS

(57) Abstract

The present invention is directed to novel aminoxy-cyclodextrin derivatives of the formula (1): $CD - (X - Y - ONH_2)_n$, wherein CD is a mono- or polydeoxy α -, β -, or γ -cyclodextrin, carrying in its 6-, 3- and/or 2-position a group containing the aminoxy group, and optionally carrying substituents different from $(X - Y - ONH_2)$, Y is a linker group between the aminoxy group and the mono- or polydeoxy-CD group, X is a functional group or an atom necessary to connect the linker Y and the deoxy CD group, or Y is a direct bond when X is a direct bond, and n is ≥ 1 , but ≤ 24 , 21 and 18 for α -, β - or γ -cyclodextrin, respectively, the protected aminoxy derivatives thereof, as well the methods for their preparation and use.

